IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Jun TAKADA	**Examiner:**	Unassigned
Serial No:	To be assigned	**Art Unit:**	Unassigned
Filed:	Herewith	**Docket:**	20166
For:	2-DIMENSIONAL SIGNAL ENCODING/DECODING METHOD AND DEVICE	**Dated:**	August 22, 2006

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the

following references, which are also listed on the attached Form PTO-1449, be made of

record in the above-identified case.

1. Japanese Patent Laid-Open No. 09-148938, dated June 6, 1997, together with English Language Abstract;

2. Japanese Patent Laid-Open No. 2000-316152, dated November 14, 2000, together with English Language Abstract;
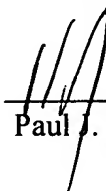

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Dated: August 22, 2005

Paul J. Esatto, Jr.

3. Japanese Patent Laid-Open No. 11-298897, dated October 29, 1999, together with English Language Abstract;

4. Japanese Patent Laid-Open No. 2003-504921, dated February 4, 2003, corresponding to International Patent Application WO 01/03070 A1, dated January 11, 2001;

5. Japanese Patent Laid-Open No. 2002-016808, dated January 18, 2002, together with English Language Abstract;

6. Japanese Patent Laid-Open No. 2003-274185, dated September 26, 2003, together with English Language Abstract;

7. Shuitsu MATSUMARA, et al., "Wavelet Image Coding Using Power Adaptive Vector Quantization", PCSJ95, 1995.10, pp.121-122;

8. Japanese Patent Laid-Open No. 2003-204439, dated July 18, 2003, together with English Language Abstract;

9. Japanese Patent Laid-Open No. 11-069164, dated March 9, 1999, together with English Language Abstract;

10. Japanese Patent Laid-Open No. 2003-274190, dated September 26, 2003, together with English Language Abstract;

11. Japanese Patent Laid-Open No. 11-317950, dated November 16, 1999, together with English Language Abstract;

12. Japanese Patent Laid-Open No. 2002-232721, dated August 16, 2002, together with English Language Abstract;

13. Japanese Patent Laid-Open No. 03-016490, dated January 24, 1991, together with English Language Abstract;

14. Japanese Patent Laid-Open No. 2000-316174, dated November 14, 2000, together with English Language Abstract;

15. Shuitsu MATSUMARA, et al., "Wavelet Image Coding Using Power Adaptive Vector Quantization", Transactions of the IEICE, Vol. 80-D-II, No.1, 1997.01, pp.139-147, together with English Abstract;

16. Japanese Patent Laid-Open No. 2001-352543, dated December 21, 2001, together with English Language Abstract;

17. Japanese Patent Laid-Open No. 2001-025018, dated January 26, 2001, together with English Language Abstract;

18. Japanese Patent Laid-Open No. 2000-004364, dated January 7, 2000, together with English Language Abstract;

19. Hideki TOSAKA et al., "Studies on High Definition Image Coding Using Wavelet Transform", Technical Report of IEICE, Vol. 96, No.187, DSP96-59, SST 96-41, CS96-59, 26 July, 1996, pp. 31-36; and

20. Hironobu OHIRA et al., "Discrete Wavelet Transform Entropy Coding Method for Images based on Gaussian Mixture Distribution Model", ITE Technical Report, Vol.22, No.71, 17 December 1998, pp.37-42.

The relevance of reference 1 has been described in both the specification and the International Search Report. The relevance of references 2 to 4 has been described in the specification. The relevance of references 5 to 20 has been described in the International Search Report. A copy of the International Search Report is enclosed. Copies of above-cited references are enclosed.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,

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Registration No. 30,749

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PJE:phs

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO. AB166	APPLICATION NO. Unassigned

APPLICANT(S) Jun TAKADA	

FILING DATE Herewith	GROUP ART UNIT Unassigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
		09-148938	6/6/1997	Japan			✔	
		2000-316152	11/14/2000	Japan			✔	
		11-298897	10/29/1999	Japan			✔	
		2003-504921	2/4/2003	Japan				
		WO 01/03070 A1	1/11/2001	PCT			✔	

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		Shuitsu MATSUMARA, et al., "Wavelet Image Coding Using Power Adaptive Vector Quantization", PCSJ95, 1995.10, pp.121-122.
		Shuitsu MATSUMARA, et al., "Wavelet Image Coding Using Power Adaptive Vector Quantization", Transactions of the IEICE, Vol. 80-D-II, No.1, 1997.01, pp.139-147, together with English Abstract.
		Hideki TOSAKA et al., "Studies on High Definition Image Coding Using Wavelet Transform", Technical Report of IEICE, Vol. 96, No.187, DSP96-59, SST 96-41, CS96-59, 26 July, 1996, pp. 31-36.
		Hironobu OHIRA et al., "Discrete Wavelet Transform Entropy Coding Method for Images based on Gaussian Mixture Distribution Model", ITE Technical Report, Vol.22, No.71, 17 December 1998, pp.37-42

EXAMINER	DATE CONSIDERED

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Form PTO-A820
(also form PTO-1449)

P09C/REV04

Patent and Trademark Office * U.S. DEPARTMENT OF COMMERCE

	INFORMATION DISCLOSURE CITATION *(Use several sheets if necessary)*		ATTY DOCKET NO. 90166 Jun TAKADA		APPLICATION NO. Unassigned	

	FILING Herewith	GROUP ART Unassigned

U.S. PATENT DOCUMENTS

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U.S. PATENT APPLICATION PUBLICATIONS

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		2002-016808	1/18/2002	Japan			✔	
		2003-274185	9/26/2003	Japan			✔	
		2003-204439	7/18/2003	Japan			✔	
		11-069164	3/9/1999	Japan			✔	
		2003-274190	9/26/2003	Japan			✔	

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iAP9 20166

Jun TAKADA

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U.S. PATENT DOCUMENTS

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		11-317950	11/16/1999	Japan			✔	
		2002-232721	8/16/2002	Japan			✔	
		03-016490	1/24/1991	Japan			✔	
		2000-316174	11/14/2000	Japan			✔	

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